|      |  | · STA      |
|------|--|------------|
|      | February 20, 1969  |            |
|      | U.S. Government  | <b>₽</b>   |
|      | Attention: George M.   |            |
|      | Dear George:   |            |
| STAT | Recently you requested a quotation for a 0.5 power relay lens and cell as a replacement unit in a Type 880 or 1210 binocular microscope viewing system, a special film transport for the Type 1032T Microdensitometer, and service for the modification of your Type 1032 Microdensitometer digital readout system. We are pleased to provide the following quotation:   | STA<br>STA |
| STAT | O.5 power relay lens and cell to replace a 1-power relay lens unit in a Type 880 or 1210, 400 Series binocular microscope viewing system. This lens provides approximately 200 lines per millimeter resolution at 40X magnification, and changes the field of view to 5 millimeters. The magnification ranges to 10 to 20X with a 5X eyepiece, and 20 to 40X with a 10X eyepiece. Apparent reticle width to 5 microns at the film plane. Price includes necessary instruction for customer installation. | STA        |
| ν    | Item 2   |            |
|      | Special film transport (manual) for Type 1032T Microdensitometer similar to film stage for 9-1/2" film furnished with 1032T07 except minus the upper pressure frames (clear and glass) but to include a special glass insert having a slot 9-1/2" long x 5/8" wide covered with a sheet of .010" thick glass.  | STA        |
|      | Item 3   |            |
| STAT | Modification of your Type 1032 Microdensitometer digital readout system including equipment, services, and supplemental drawings, to permit increase in density data sampling rate at lower scan speeds as described below.  | STA        |
| STAT |  |            |
|      | Declass Review by NIMA/DOD   |            |
|      | Approved For Release 2005/06/08 : CIA-RDP78B05171A000800080026-6   |            |

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| U.S. Government        | ,•  | - 2 -  | February 20, 1969  |      |
|------------------------|---|--|--|------|
| of one micron, and i   | is limited by<br>quent sampli<br>ator, shapin | the resolution<br>.ng, it will be no<br>g and resynchro    | mpling intervals in increments of the X and Y data heads. ecessary to provide an externations circuits and switching |      |
| circuit after the inte | erval counter<br>g and end of<br>my sample n  | the scan will re   | will be at a point in the ordinate values recorded on tain their proper significance. ed to a reasonable degree of   |      |
| rack type mount des    | as the samp<br>igned to repl<br>switch for so | ling rate source<br>lace one of the b<br>election of exter | h as the Model  It will be provided with a clank panels in the present chal or internal sampling                     | STAT |
| on the SDS cards in    | chassis A ar<br>the necessar                  | nd B of the prese  | proposed that unused circuits ent equipment be utilized.  Indicate wiring may be completed                           |      |
| <del>-</del>           | r micron wh                                   | ~  | a resolution of over one<br>owest scan speed of 125  | 1    |
| <del>_</del>           |   | Our terms are  | l and 90 days for Items 2 e net 30 days, and all prices n is firm for a period of                                    |      |
| We trust this inform   | ation is suff                                 | icient for your i  | mmediate action.   | STAT |
| , •                    |   | . [  |  |      |

ACT/bc

**STAT** 

## GEORET When Filled In

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|--|--|---|
| 1. PROJECT TITLE/CODE NAME   | 2. SHORT PROJECT DESCRIPTION   | 1) April 1909   |
| Microdensitometer Modi-<br>fications (Stage<br>Modification)   | This project is to fabrica the 1032T Microdensit   | te a modified stage for ometer operated at NPIC.  |
| 3. CONTRACTOR NAME   | 4. LOCATION OF CO  | NTRACTOR  |
|  | ·  |   |
| 5. CLASS OF CONTRACTOR   | 6. TYPE OF CONTRACT  |   |
| Manufacturer 7. FUNDS  | FP   |   |
|  | 8. REQUISITION NO.   | 9. BUDGET PROJECT NO.   |
| FY 19 68 \$ None   |  |   |
| FY 19 69   | 10. EFFECTIVE CONTRACT DATE (Begin - end)  | 11. SECURITY CLASS.<br>A.A Confidential   |
|  | Mars 3000 T 3 3000   | T Unclassified  |
| FY 19 70 \$ None   | May 1969 - July 1969   | W Unclassified  |
| 12. RESPONSIBLE DIRECTORATE/OFFICE/P   | PROJECT OFFICER TELEPHONE EXTENSION  |   |
| DDI/NPIC/TSSG/DED  |  | •   |
| 13. REQUIREMENT/AUTHORITY  |  |   |
| The LO32T Trichro  | omatic Microdensitometer has o   | optical aberrations   |
| caused by the thick glass<br>before any color film can   | s stage. These aberrations wi  | ill have to be reduced  |
| 14. TYPE OF WORK TO BE DONE  |  |   |
| 77.  |  |   |
| Engineering Develop  | ment   |   |
| 15 CATEGORIES OF ESSORT  |  | •   |
| 15. CATEGORIES OF EFFORT   |  |   |
| MAJOR CATEGORY   | aun a  |   |
| MAJOR CATEGORY Precision Measurement   |  | CATEGORIES  |
| •  | Microdensitometry Optical Systems  | CATEGORIES  |
| •  | Microdensitometry  | CATEGORIES  |
| Precision Measurement  | Microdensitometry Optical Systems  |   |
| Precision Measurement . 16. END ITEM OR SERVICES FROM THIS CO  | Microdensitometry Optical Systems Ontract/IMPROVEMENT OVER CURRENT SYSTEM  | 1. EQUIPMENT, ETC.  |
| Precision Measurement  16. END ITEM OR SERVICES FROM THIS CO A modified stage will   | Microdensitometry Optical Systems  ONTRACT/IMPROVEMENT OVER CURRENT SYSTEM be produced by the manufactur very thin glass which will mi   | 1. EQUIPMENT, ETC.  |
| Precision Measurement  .  A modified stage will have a center section of problems caused by the ex   | Microdensitometry Optical Systems  ONTRACT/IMPROVEMENT OVER CURRENT SYSTEM be produced by the manufactur very thin glass which will mi kisting glass stage.  | er. This stage will nimize the optical  |
| Precision Measurement  | Microdensitometry Optical Systems  ONTRACT/IMPROVEMENT OVER CURRENT SYSTEM be produced by the manufactur very thin glass which will mi kisting glass stage.  (Agency & Other)/COORDINATION This ontract to to impro  | er. This stage will nimize the optical contract will run conve the scan control and   |
| Precision Measurement  .  16. END ITEM OR SERVICES FROM THIS CO A modified stage will have a center section of problems caused by the ex  17. SUPPORTING OR RELATED CONTRACTS ( currently with another co sampling system. After of  | Microdensitometry Optical Systems  ONTRACT/IMPROVEMENT OVER CURRENT SYSTEM be produced by the manufactur very thin glass which will mi kisting glass stage.  (Agency & Other)/COORDINATION This ontract to to impro-   | er. This stage will nimize the optical contract will run conve the scan control and ommercial lens systems w  |
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GROUP 1 Excluded from automatic downgrating and declassification